

Fig. 1

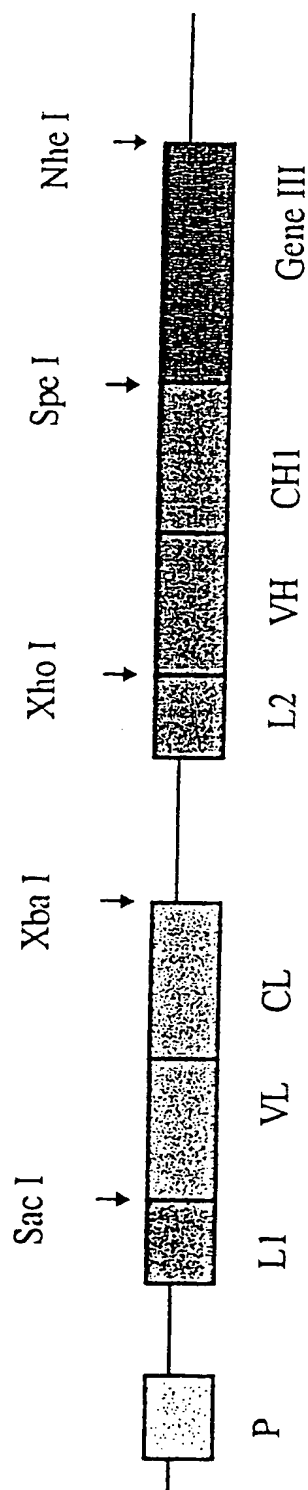


Fig. 2

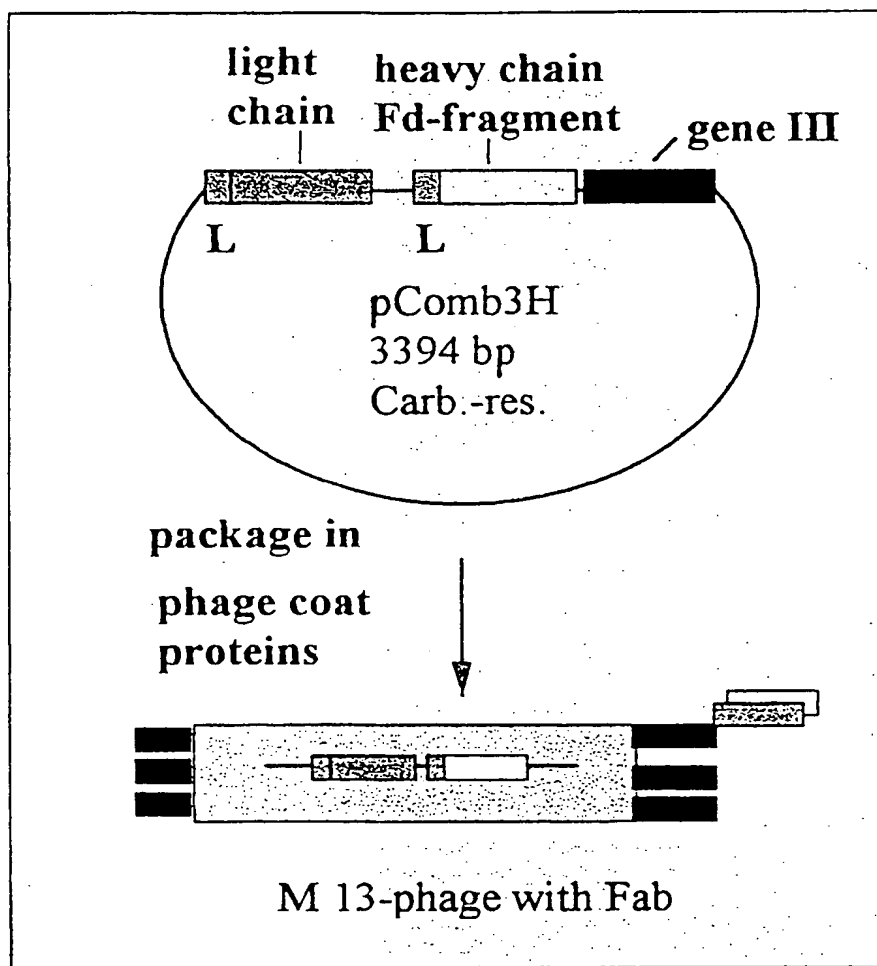


Fig. 3

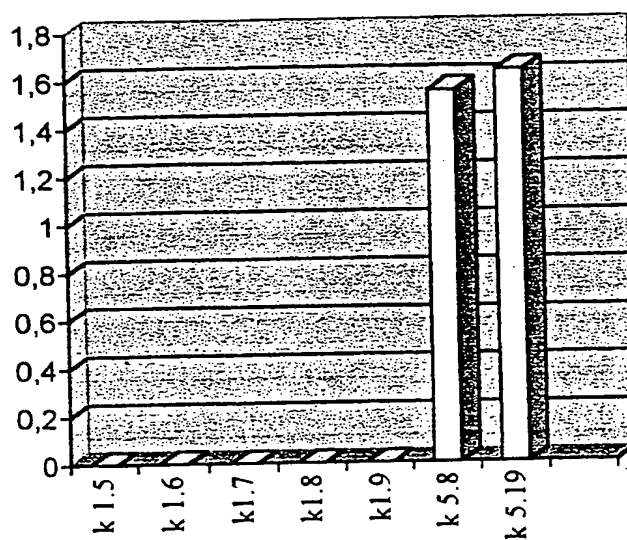
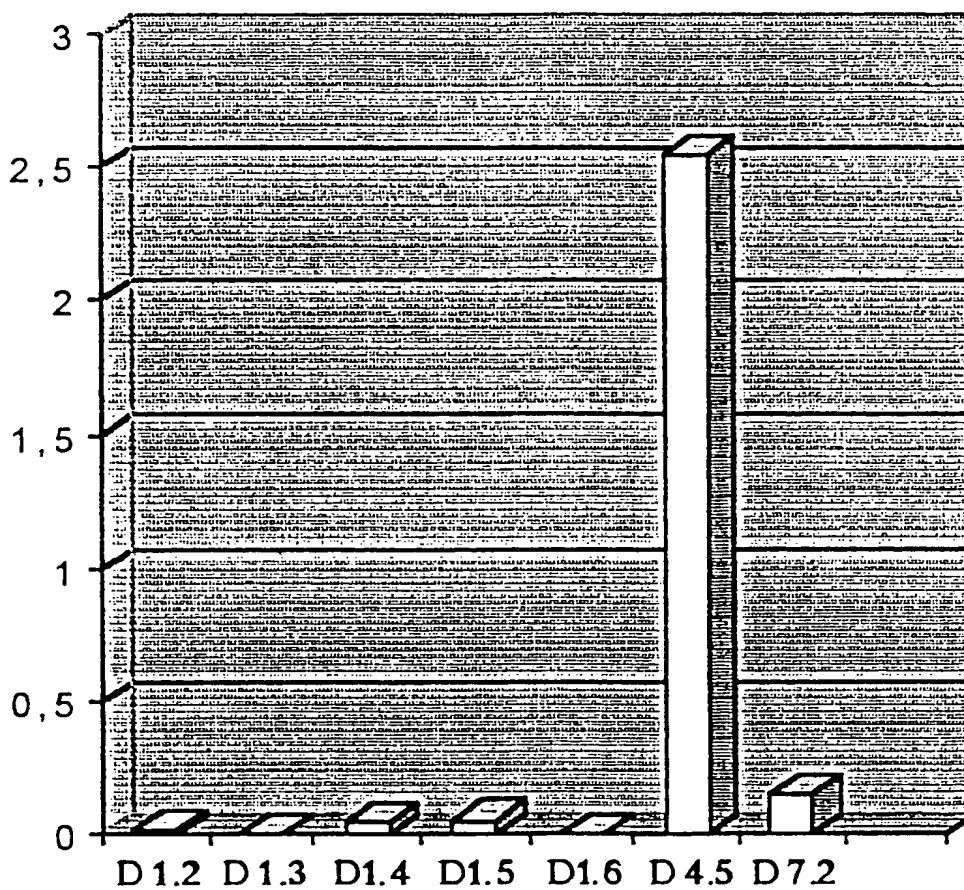
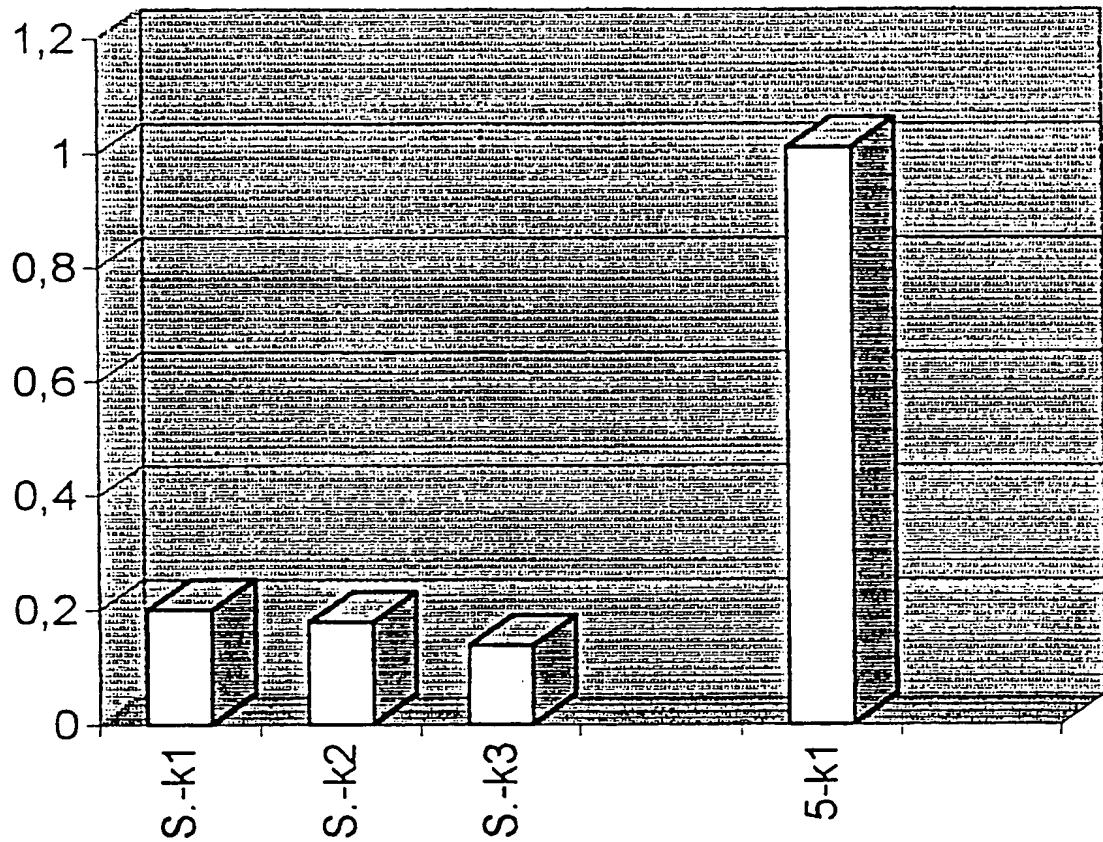


Fig. 4



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Fig. 5



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File Name : D4.5-k8-VL

Fig. 6

5'	9					18			27			36			45			54		
	GAG	CTC	CAG	ATG	ACC	CAG	TCT	CCA	TCC	TCC	CTG	TCT	GCT	TCT	GTG	GGA	GAC	AGA		
	E	L	Q	M	T	Q	S	P	S	S	L	S	A	S	V	G	D	R		
	63					72			81			90			99			108		
	GTC	ACC	ATC	ACT	TGT	CGG	ACA	AGT	CAG	AGC	ATT	AGC	AGC	TAT	TTA	AAT	TGG	TAT		
	V	T	I	T	C	R	T	S	Q	S	I	S	S	Y	L	N	W	Y		
	117					126			135			144			153			162		
	CAG	CAG	AAA	CCA	GGA	CAG	CCT	CCT	AAG	CTG	CTC	ATT	TAC	TGG	GCA	TCT	ACC	CGG		
	Q	Q	K	P	G	Q	P	P	K	L	L	I	Y	W	A	S	T	R		
	171					180			189			198			207			216		
	GAA	TCC	GGG	GTC	CCT	GAC	CGA	TTC	AGT	GGC	AGC	GGG	TCT	GGG	ACA	GAT	TTC	ACT		
	E	S	G	V	P	D	R	F	S	G	S	G	S	G	T	D	F	T		
	225					234			243			252			261			270		
	CTC	ACC	ATC	AGC	AGT	CTA	CAA	CCT	GAA	GAT	TCT	GCA	ACT	TAC	TAC	TGT	CAG	CAG		
	L	T	I	S	S	L	Q	P	E	D	S	A	T	Y	Y	C	Q	Q		
	279					288			297			306			315					
	AGT	TAC	GAC	ATC	CCG	TAC	ACT	TTT	GGC	CAG	GGG	ACC	AAG	CTG	GAG	ATC	AAA	3'		
	S	Y	D	I	P	Y	T	F	G	Q	G	T	K	L	E	I	K			

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D4.5:

File Name : D4.5-k8-VH

Fig. 7

5' GAG GTG CAG CTG CTC GAG TCT GGG GGA GGC GTG GTC CAG CCT GGG AGG TCC CTG

 E V Q L L E S G G G V V Q P G R S L

AGA CTC TCC TGT GCA GCC TCT GGA TTC ACC TTC AGT AGC TAT GGC ATG CAC TGG

 R L S C A A S G F T F S S Y G M H W

GTC CGC CAG GCT CCA GGC AAG GGG CTG GAG TGG GTG GCA GTT ATA TCA TAT GAT

 V R Q A P G K G L E W V A V I S Y D

GGA AGT AAT AAA TAC TAT GCA GAC TCC GTG AAG GGC CGA TTC ACC ATC TCC AGA

 G S N K Y Y A D S V K G R F T I S R

GAC AAT TCC AAG AAC ACG CTG TAT CTG CAA ATG AAC AGC CTG AGA GCT GAG GAC

 D N S K N T L Y L Q M N S L R A E D

ACG GCT GTG TAT TAC TGT GCG AAA GAT ATG GGG TGG GGC AGT GGC TGG AGA CCC

 T A V Y Y C A K D M G W G S G W R P

TAC TAC TAC TAC GGT ATG GAC GTC TGG GGC CAA GGG ACC ACG GTC ACC GTC TCC

 Y Y Y Y G M D V W G Q G T T V T V S

TCA GCA CCC ACC AAG GCT CCG GAT GTG TTC CCT CTA 3'

 S A P T K A P D V F P L

File Name : D7.2-k8-VH

Fig. 8

5'	GAG	GTG	CAG	CTG	CTC	GAG	TCT	GGG	GGA	GTC	GTG	GTA	CAG	CCT	GGG	GGG	TCC	CTG	54
	E	V	Q	L	L	E	S	G	G	V	V	V	Q	P	G	G	S	L	
	AGA	CTC	TCC	TGT	GCA	GCC	TCT	GGA	TTC	ACC	TTT	GAT	GAT	TAT	GCC	ATG	CAC	TGG	108
	R	L	S	C	A	A	S	G	F	T	F	D	D	Y	A	M	H	W	
	GTC	CGC	CAG	GCT	CCA	GGC	AAG	GGG	CTG	GAG	TGG	GTG	GCA	GTT	ATA	TCA	TAT	GAT	162
	V	R	Q	A	P	G	K	G	L	E	W	V	A	V	I	S	Y	D	
	GGA	AGT	AAT	AAA	TAC	TAT	GCA	GAC	TCC	GTG	AAG	GGC	CGA	TTC	ACC	ATC	TCC	AGA	216
	G	S	N	K	Y	Y	A	D	S	V	K	G	R	F	T	I	S	R	
	GAC	AAT	TCC	AAG	AAC	ACG	CTG	TAT	CTG	CAA	ATG	AAC	AGC	CTG	AGA	GCT	GAG	GAC	270
	D	N	S	K	N	T	L	Y	L	Q	M	N	S	L	R	A	E	D	
	ACG	GCT	GTG	TAT	TAC	TGT	GCG	AAA	AAG	GAA	GGC	TAC	TGG	GGC	CAG	GGA	ACC	CTG	324
	T	A	V	Y	Y	C	A	K	K	E	G	Y	W	G	Q	G	T	L	
	GTC	ACC	GTC	TCC	TCA	GCA	CCC	ACC	AAG	GCT	CCG	GAT	GTG	TTC	CCT	CTA	3'		
	V	T	V	S	S	A	P	T	K	A	P	D	V	F	P	L			

Fig. 9

k5.1

File Name : kappa5.1/11.97

			9		18		27		36		45		54					
5'	GAG	CTC	CAG	ATG	ACC	CAG	TCT	CCA	TCC	TCC	CTG	TCT	GCA	TCT	GTA	GGA	GAC	AGA
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	E	L	Q	M	T	Q	S	P	S	S	L	S	A	S	V	G	D	R
			63			72			81		90			99			108	
	GTC	ACC	ATC	ACT	TGC	CGG	GCA	AGT	CAG	AGC	ATT	AGC	AGC	TAT	TTA	AAT	TGG	TAT
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	V	T	I	T	C	R	A	S	Q	S	I	S	S	Y	L	N	W	Y
			117			126			135		144			153			162	
	CAG	CAG	AAA	CCA	GGA	CAG	CCT	CCT	AAG	CTG	CTC	ATT	TAC	TGG	GCA	TCT	ACC	CGG
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Q	Q	K	P	G	Q	P	P	K	L	L	I	Y	W	A	S	T	R
			171			180			189		198			207			216	
	GAA	TCC	GGG	GTC	CCT	GAC	CGA	TTC	AGC	GGC	AGT	GAA	TCT	GGG	ACA	AAT	TAC	ACT
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	E	S	G	V	P	D	R	F	S	G	S	E	S	G	T	N	Y	T
			225			234			243		252			261			270	
	CTC	ACC	ATC	AGC	AGC	CTG	CAG	CCT	GAA	GAT	TTT	GCT	ACT	TAC	TTT	TGT	CAA	CAG
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	L	T	I	S	S	L	Q	P	E	D	F	A	T	Y	F	C	Q	Q
			279			288			297		306			315			324	
	TCT	GAC	AGT	TTG	CCG	ATC	ACC	TTC	GGC	CAA	GGG	ACA	CGA	CTG	GAC	ATT	CAA	3'
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	S	D	S	L	F	I	T	F	G	Q	G	T	R	L	D	I	Q	

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Fig. 10

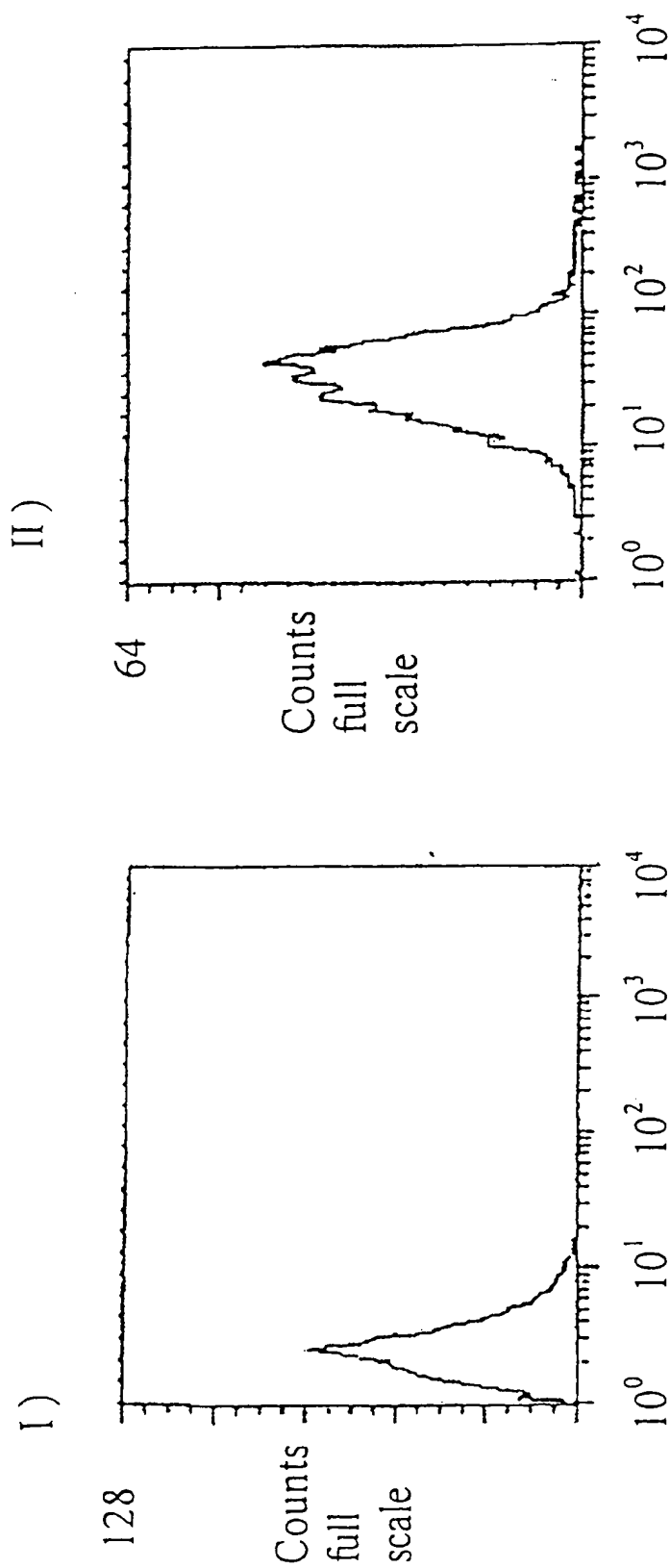


Fig. 10 (cont.)

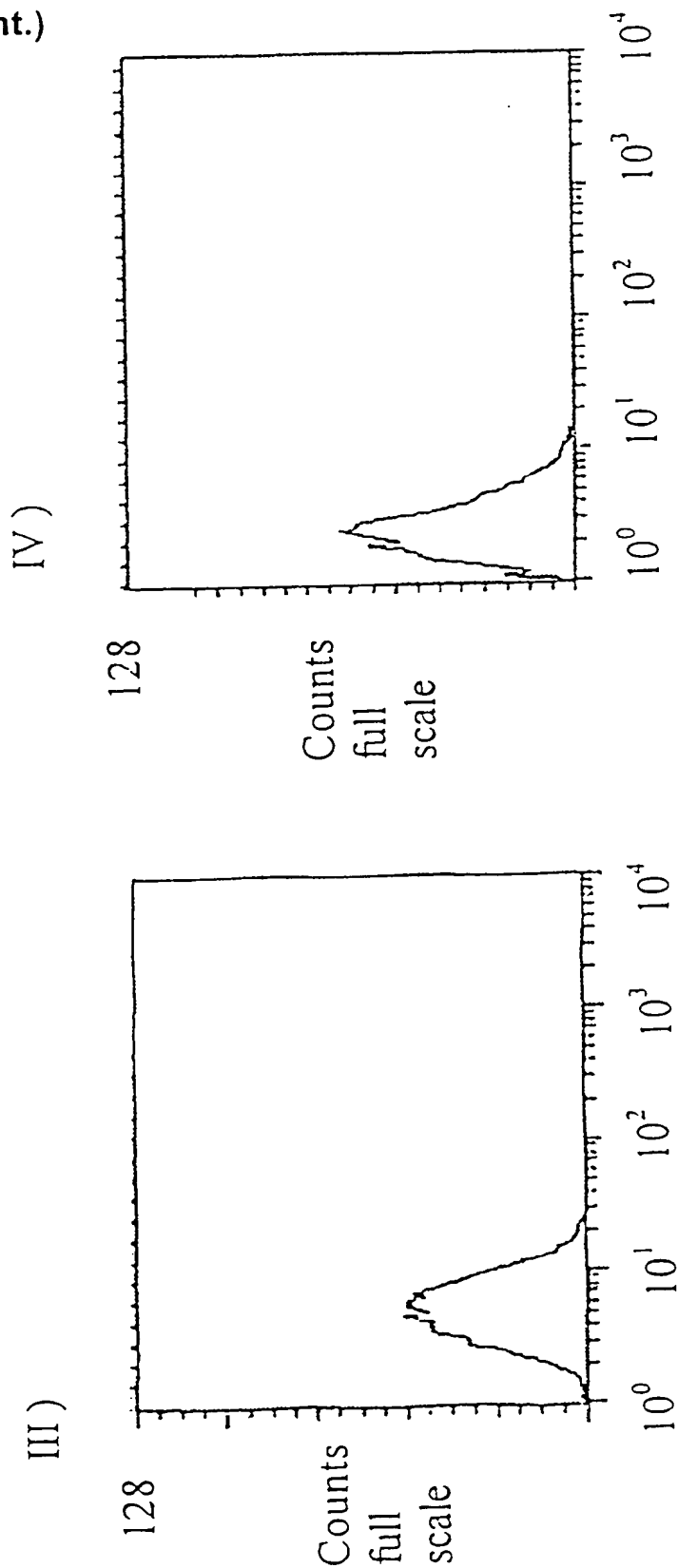
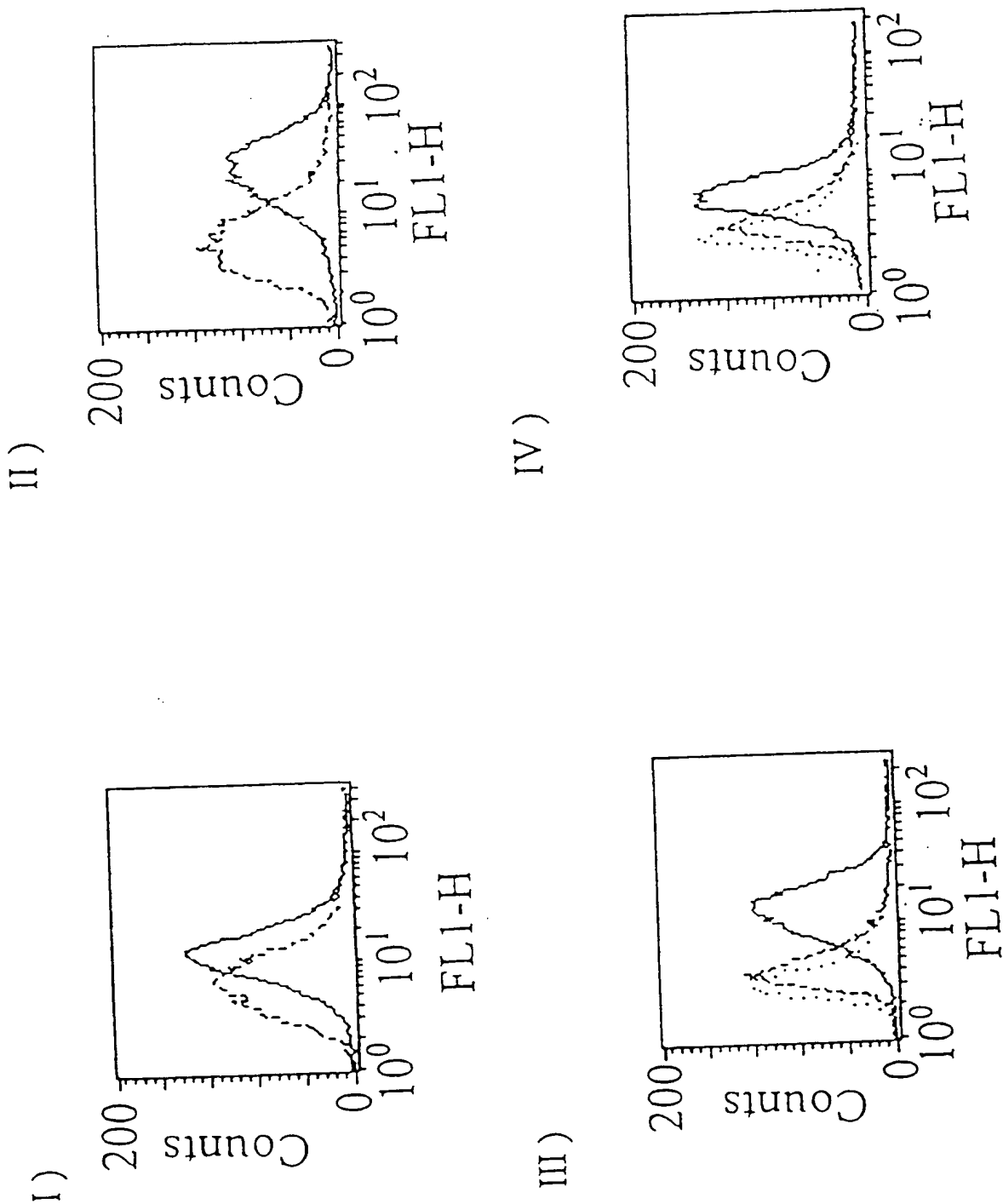


Fig. 11



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Fig. 11 (cont.)

V)

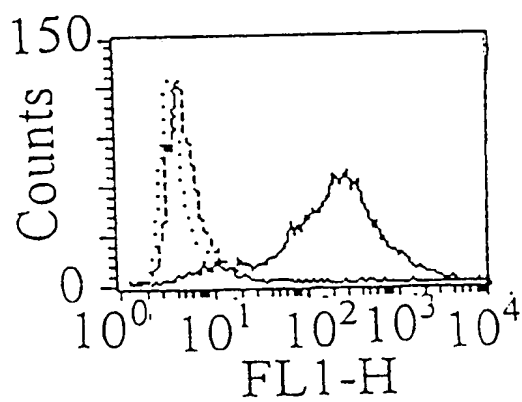


Fig. 12

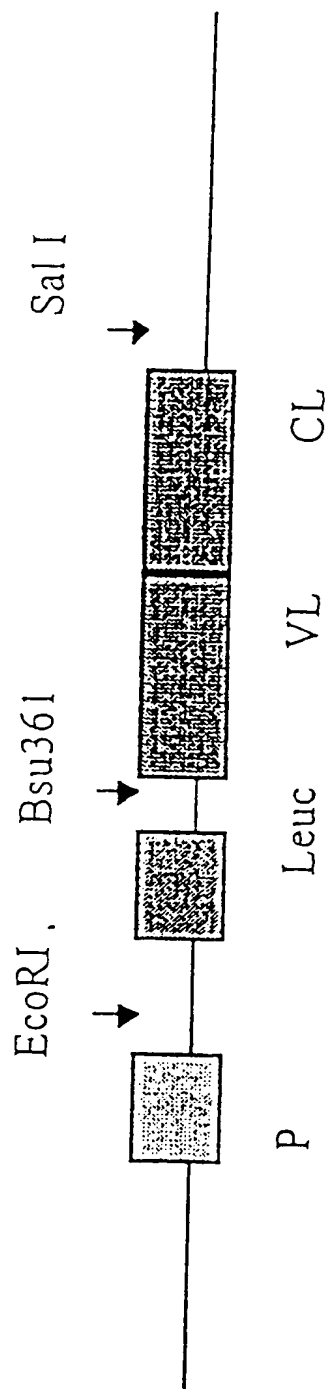


Fig. 13

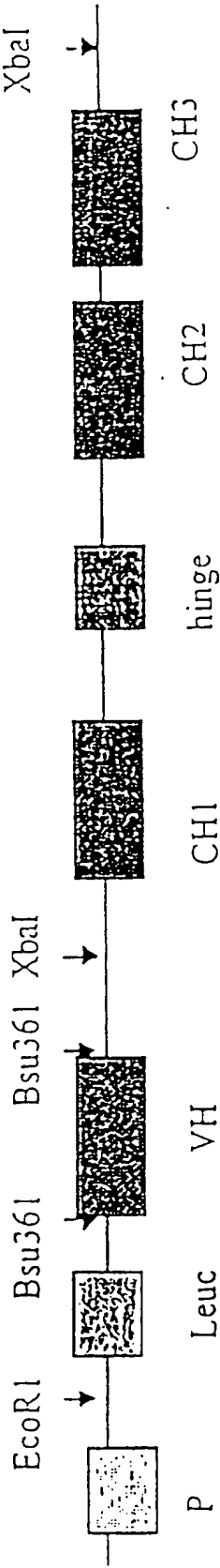
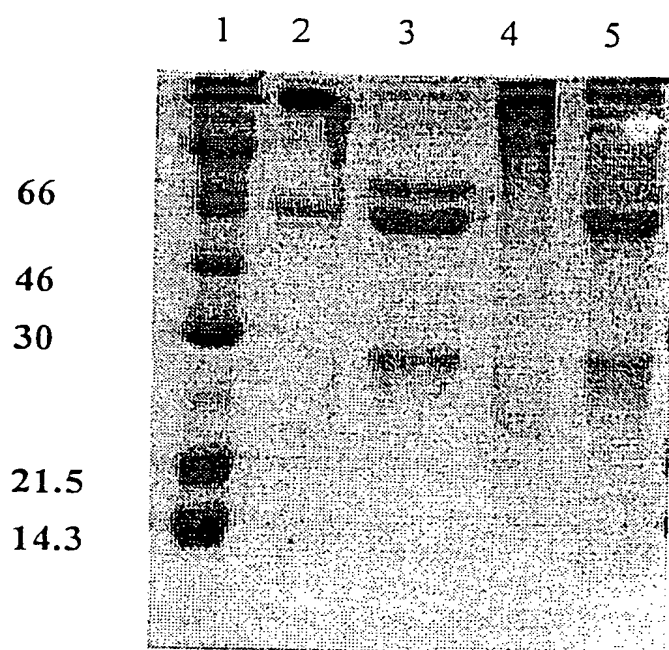


Fig. 14



Lane 1: Marker (MW [kDa] of single bands marked on the left side of the gel)

Lane 2 : H79 human IgG1 (non-reducing)

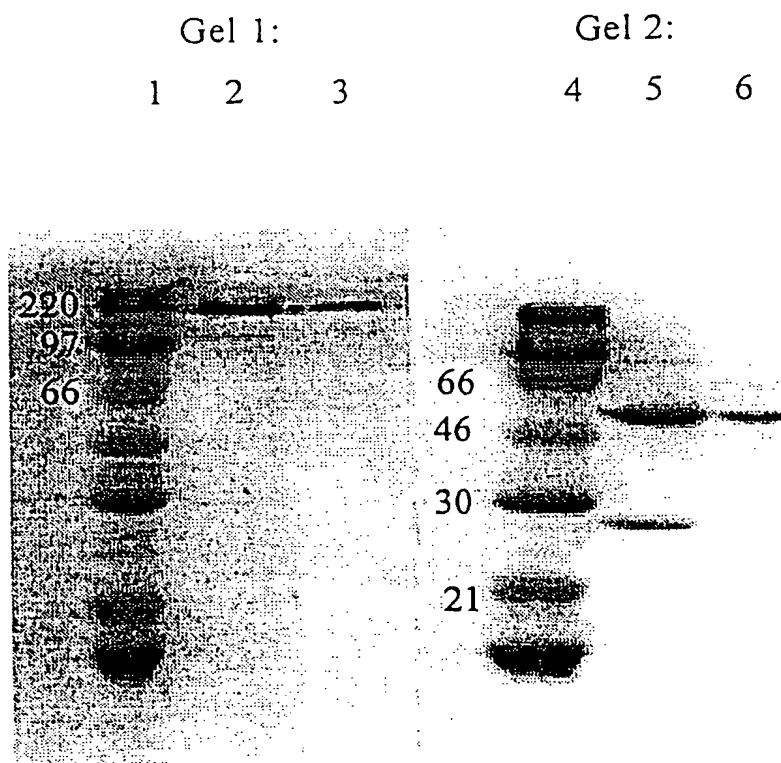
Lane 3 : H79 human IgG1 under reducing conditions

Lane 4 : H79 murine IgG1 (non-reducing)

Lane 5 : H79 murine IgG1 under reducing conditions

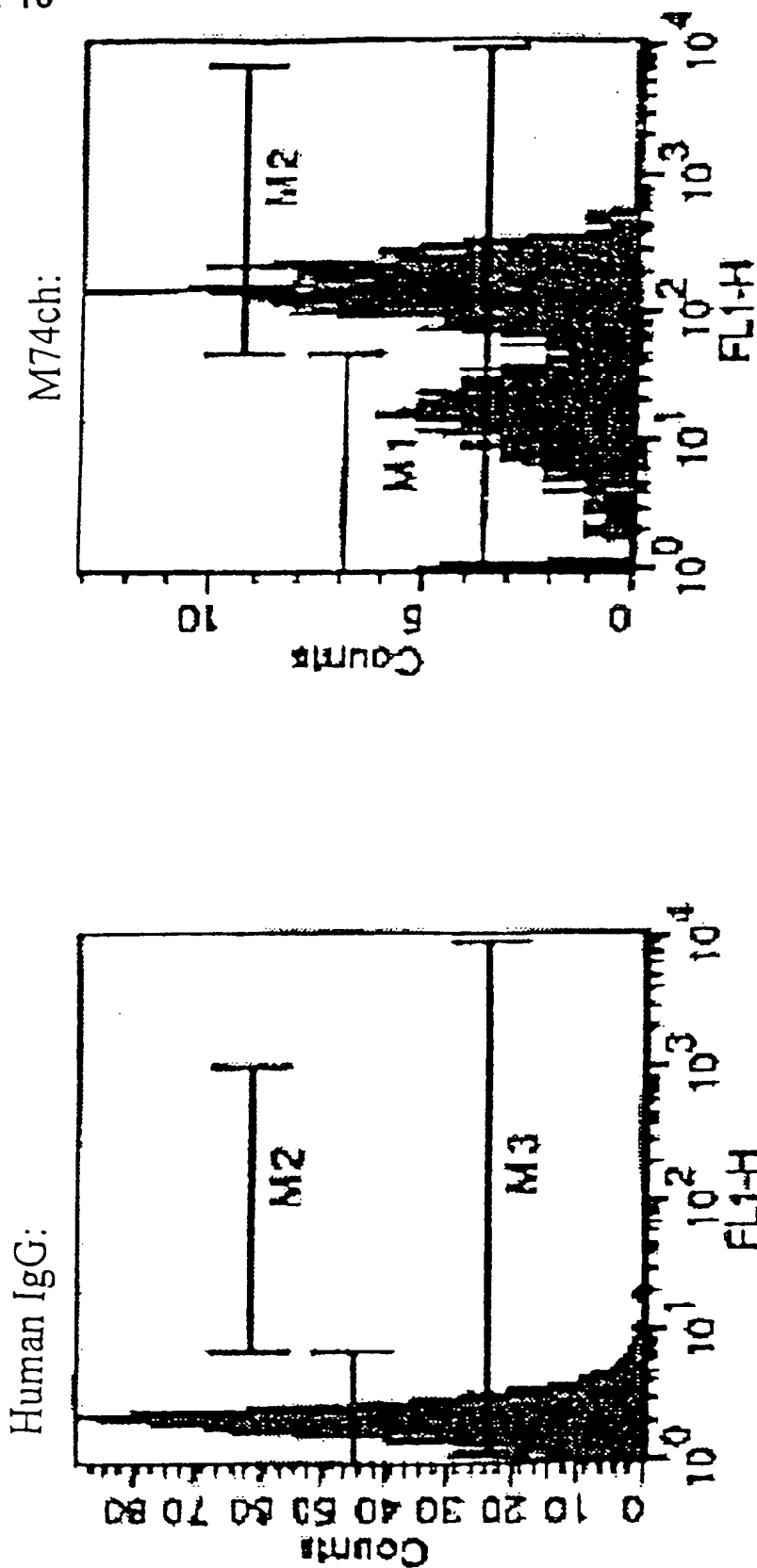
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Fig. 15



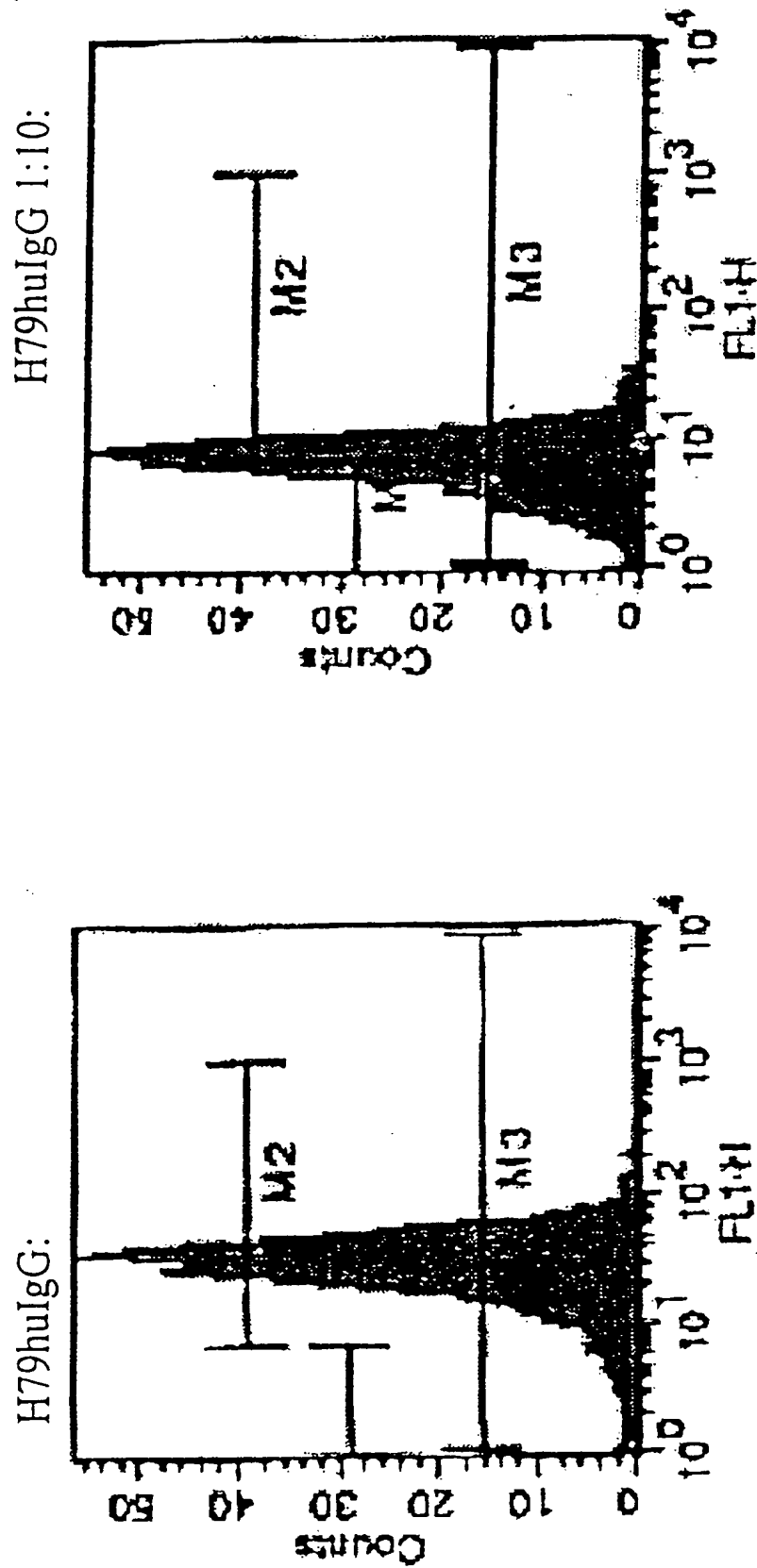
Gel 1: Lane 1: Marker (MW [kDa] of single bands marked on the left side of the gel)
Lane 2 : H79 human IgG1 (non-reducing)
Lane 3 : HD70 human IgG1 (non-reducing)
Gel 2: Lane 4: Marker (MW [kDa] of single bands marked on the left side of the gel)
Lane 5 : H79 human IgG1 under reducing conditions
Lane 6 : HD70 human IgG1 under reducing conditions

Fig. 16



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Fig. 16 (cont.)



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Fig. 16 (cont.)

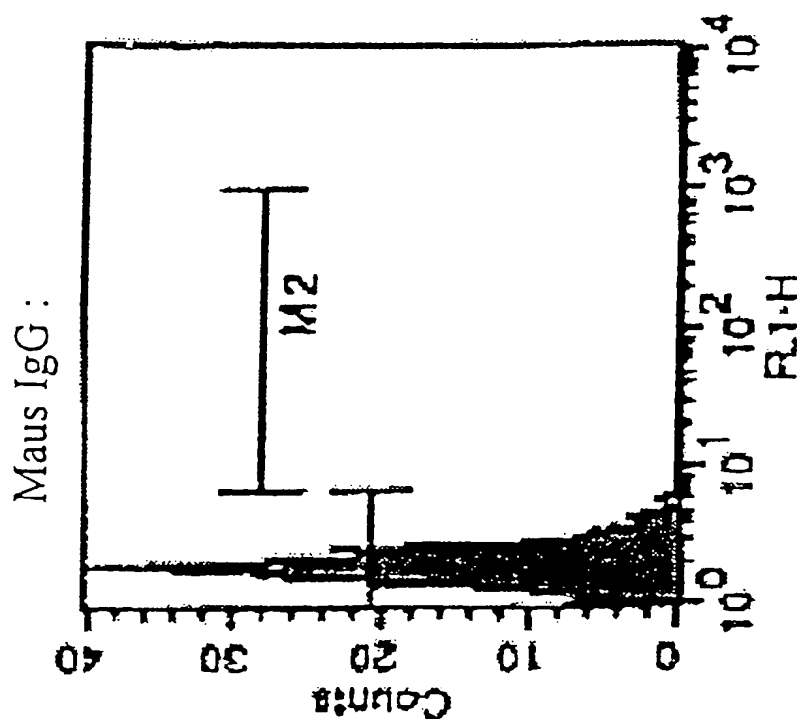
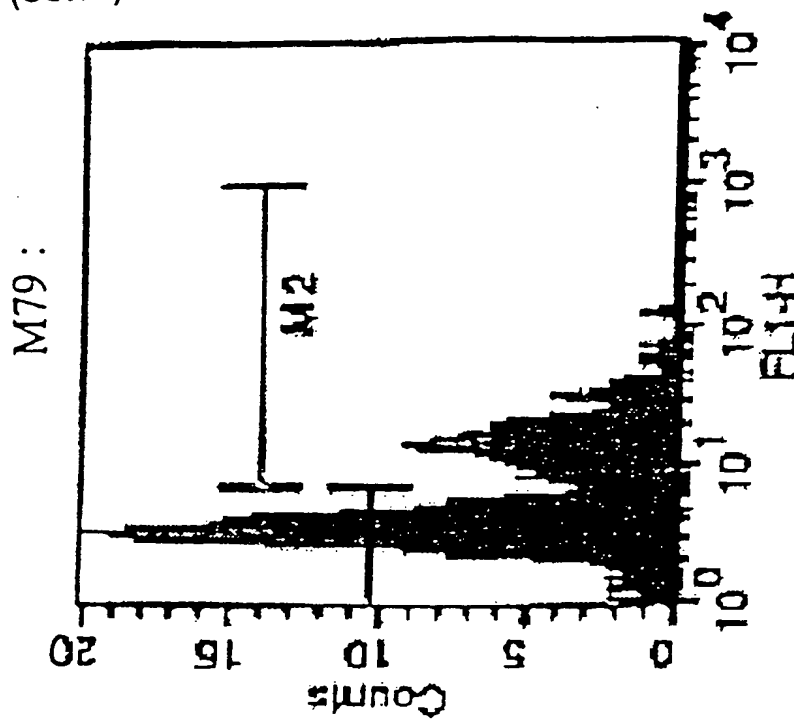
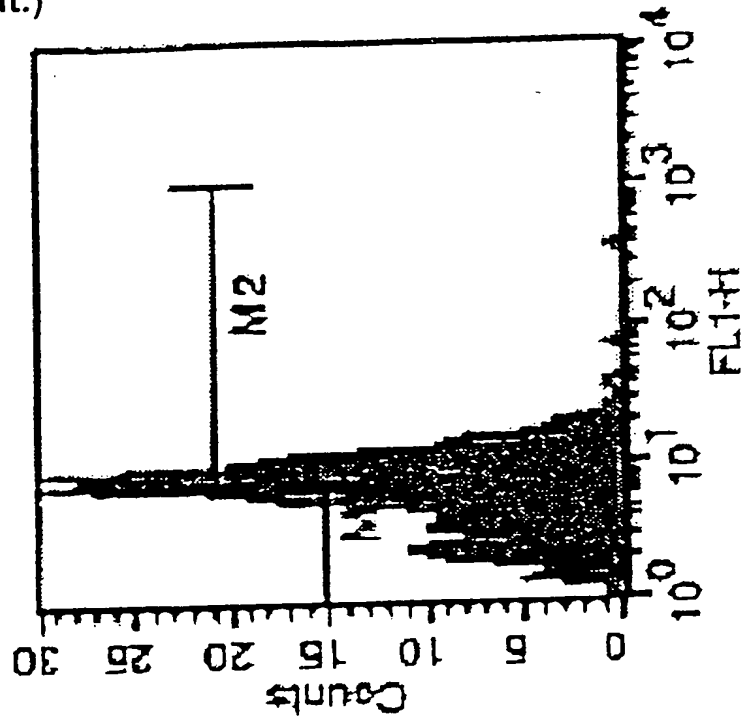
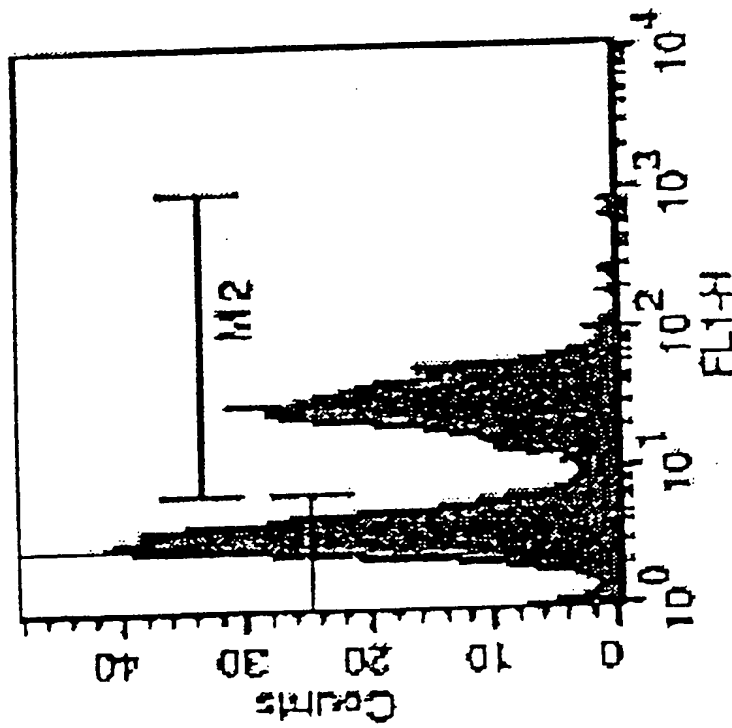


Fig. 16 (cont.)

H79IgG1M (1:10):



H79IgG1M:



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Fig. 17 FACS AK

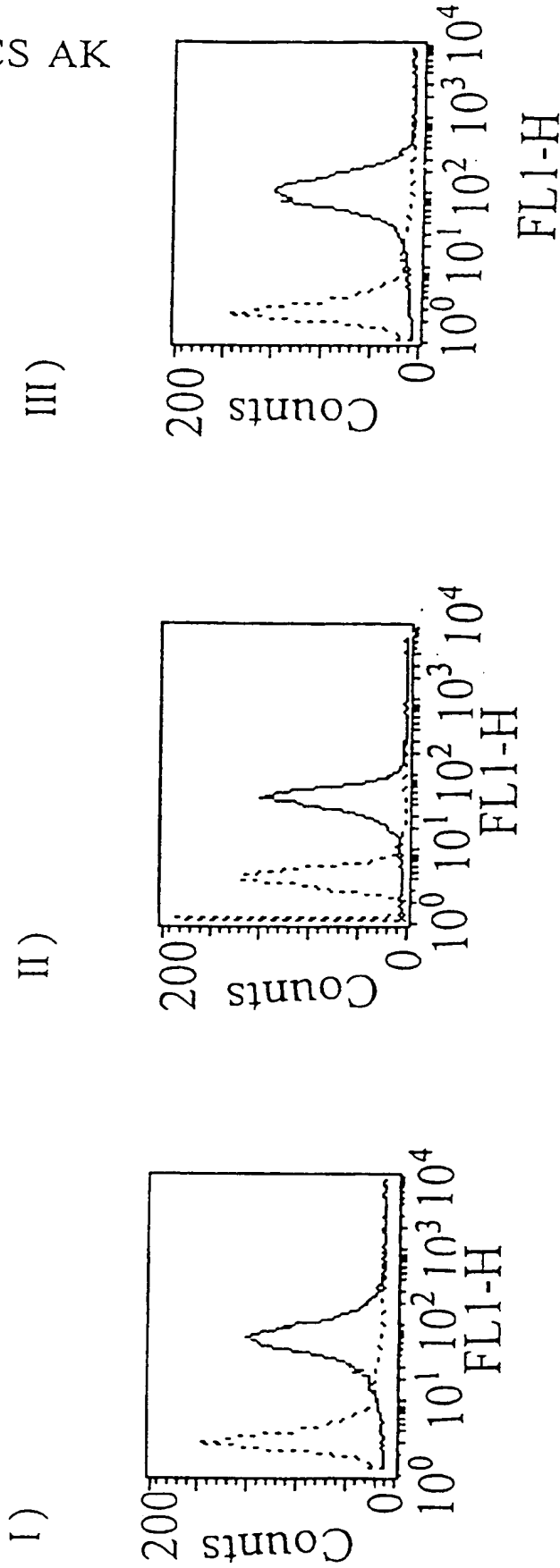
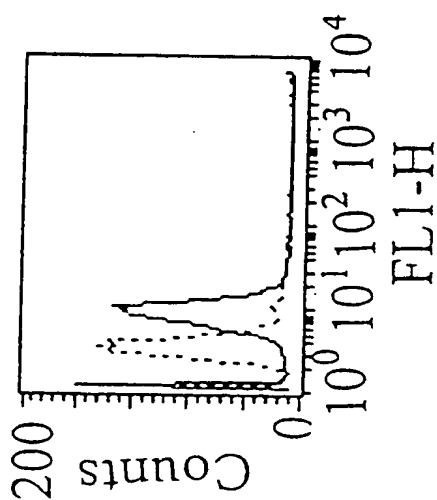
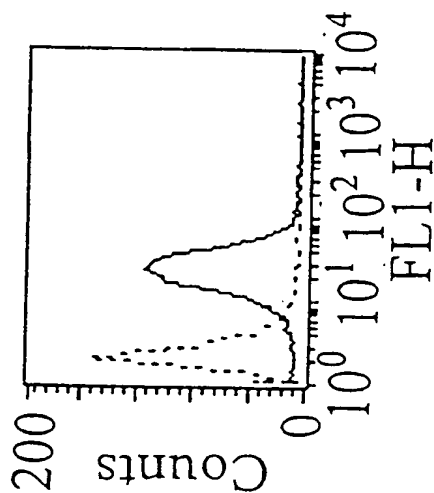


Fig. 17 (cont.)

IV)



V)



VI)

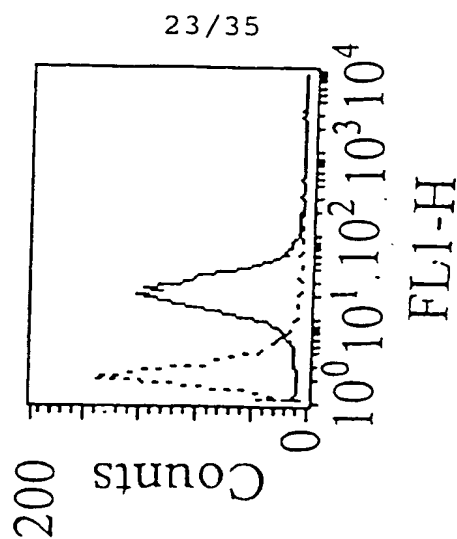
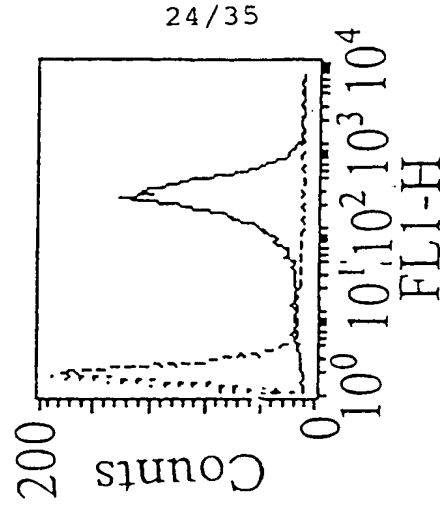
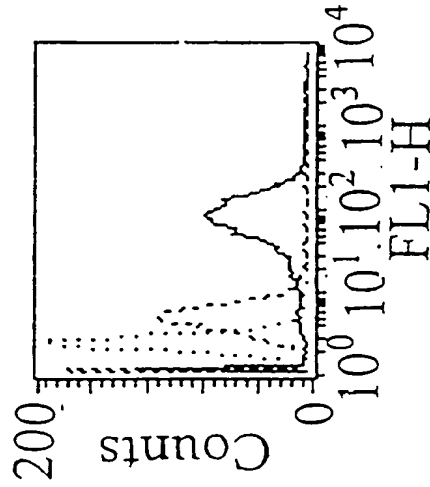


Fig. 17 (cont.)

IX)



VIII)



VII)

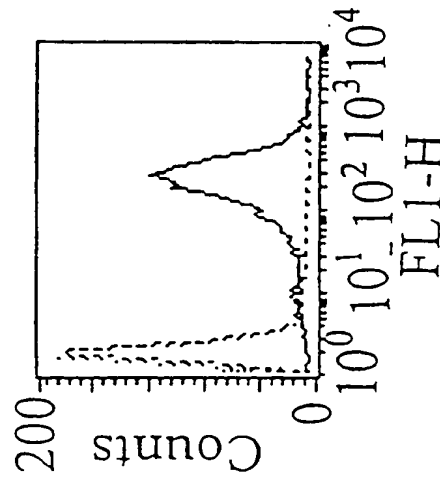
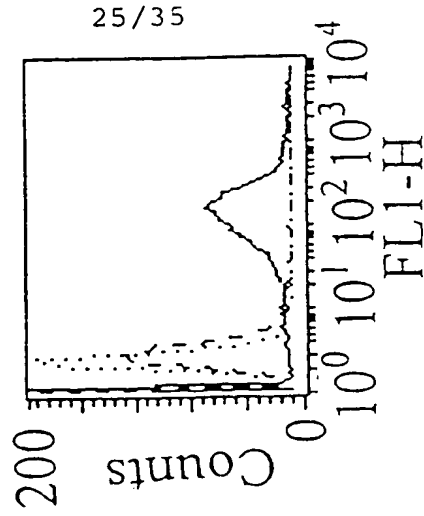
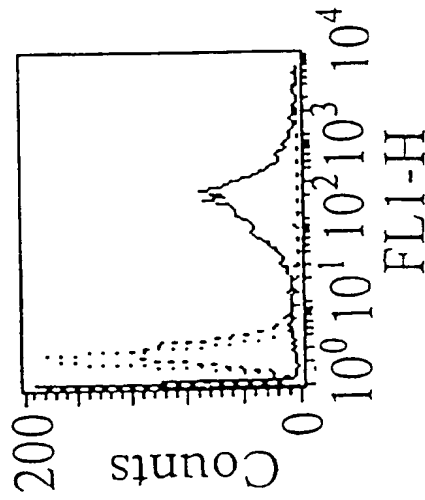


Fig. 17 (cont.)

XII)



XI)



X)

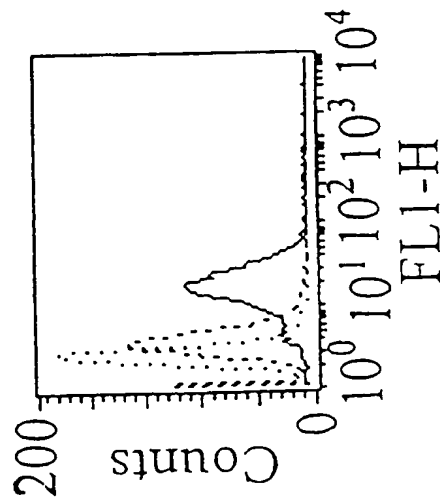
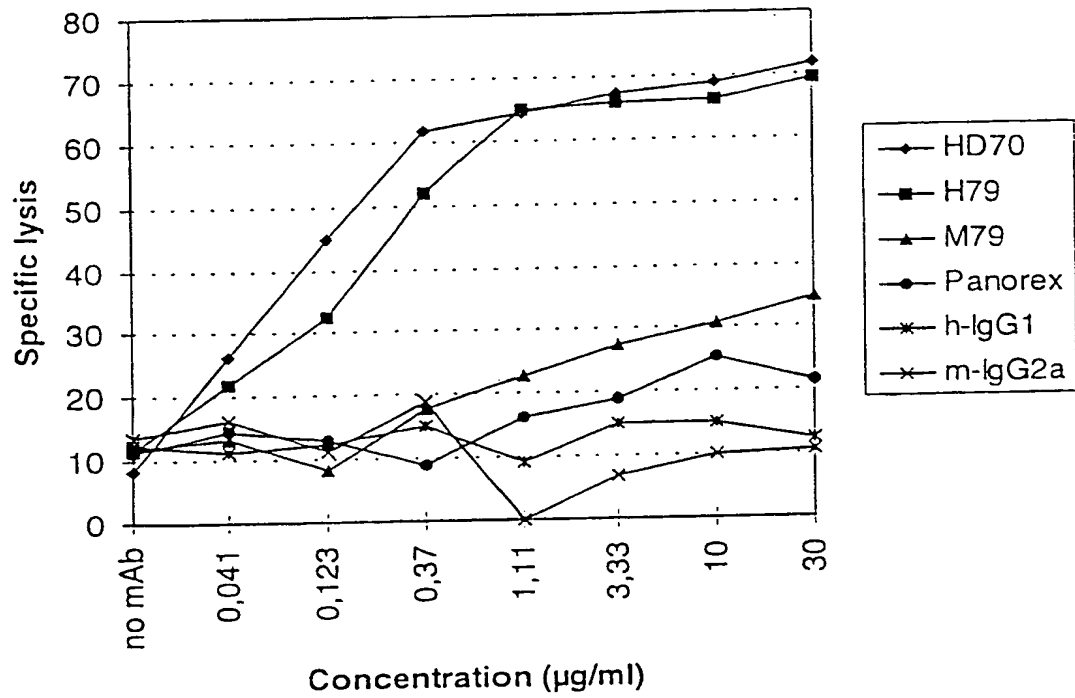


Fig. 18: ADCC

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65HT01-207E0160



Fig. 19

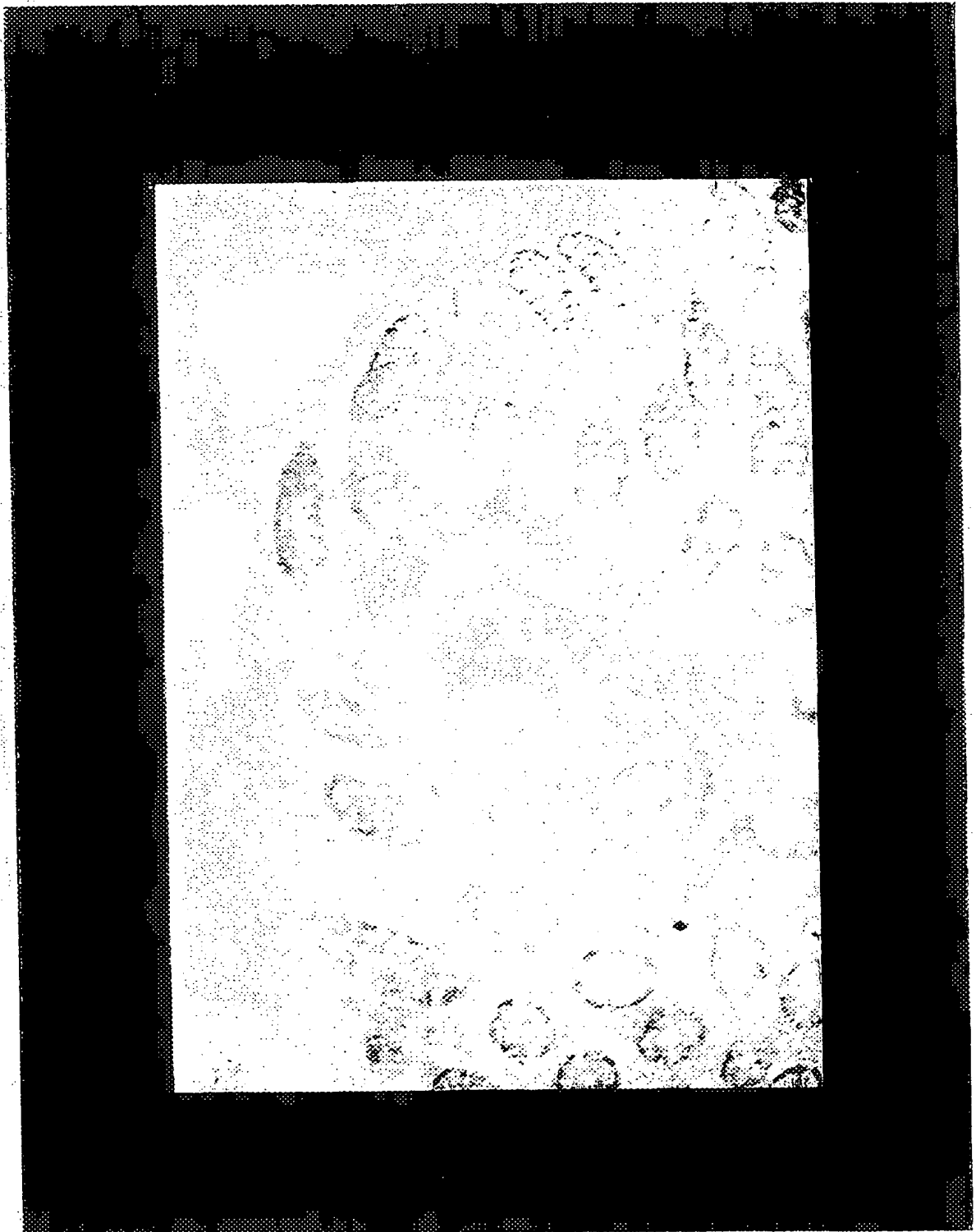


Fig. 20

654707-403107

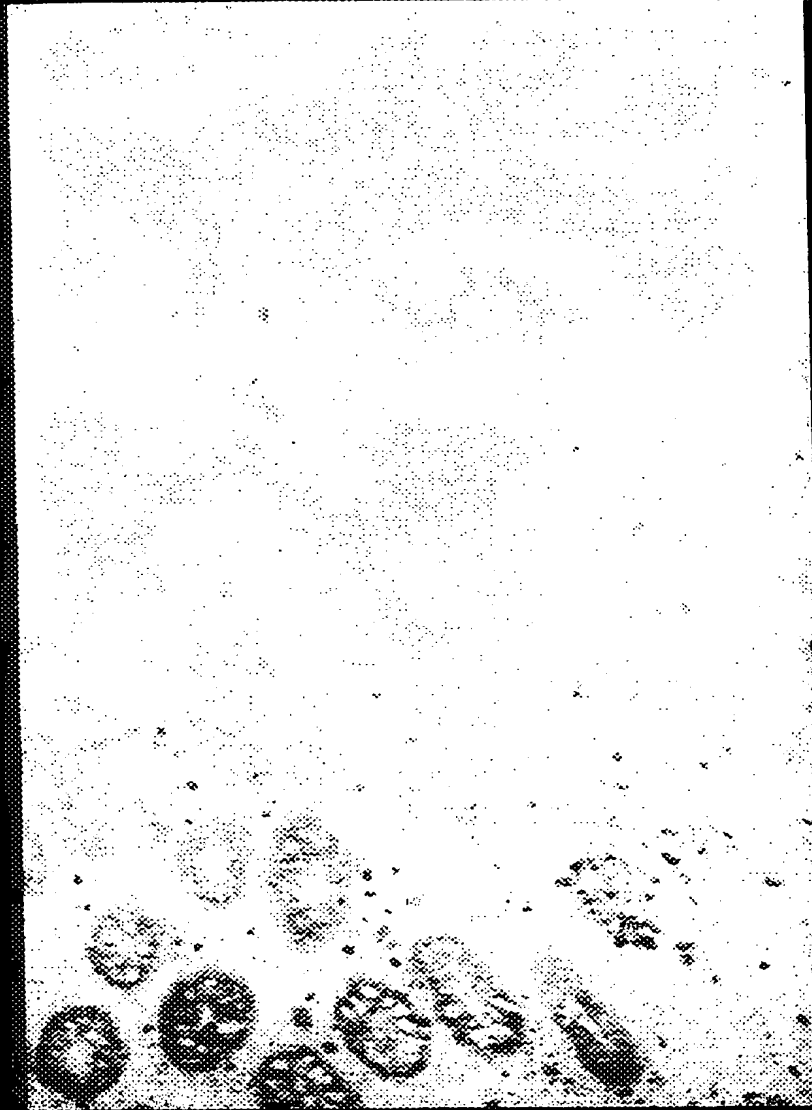


Fig. 21

SHOT 2070000

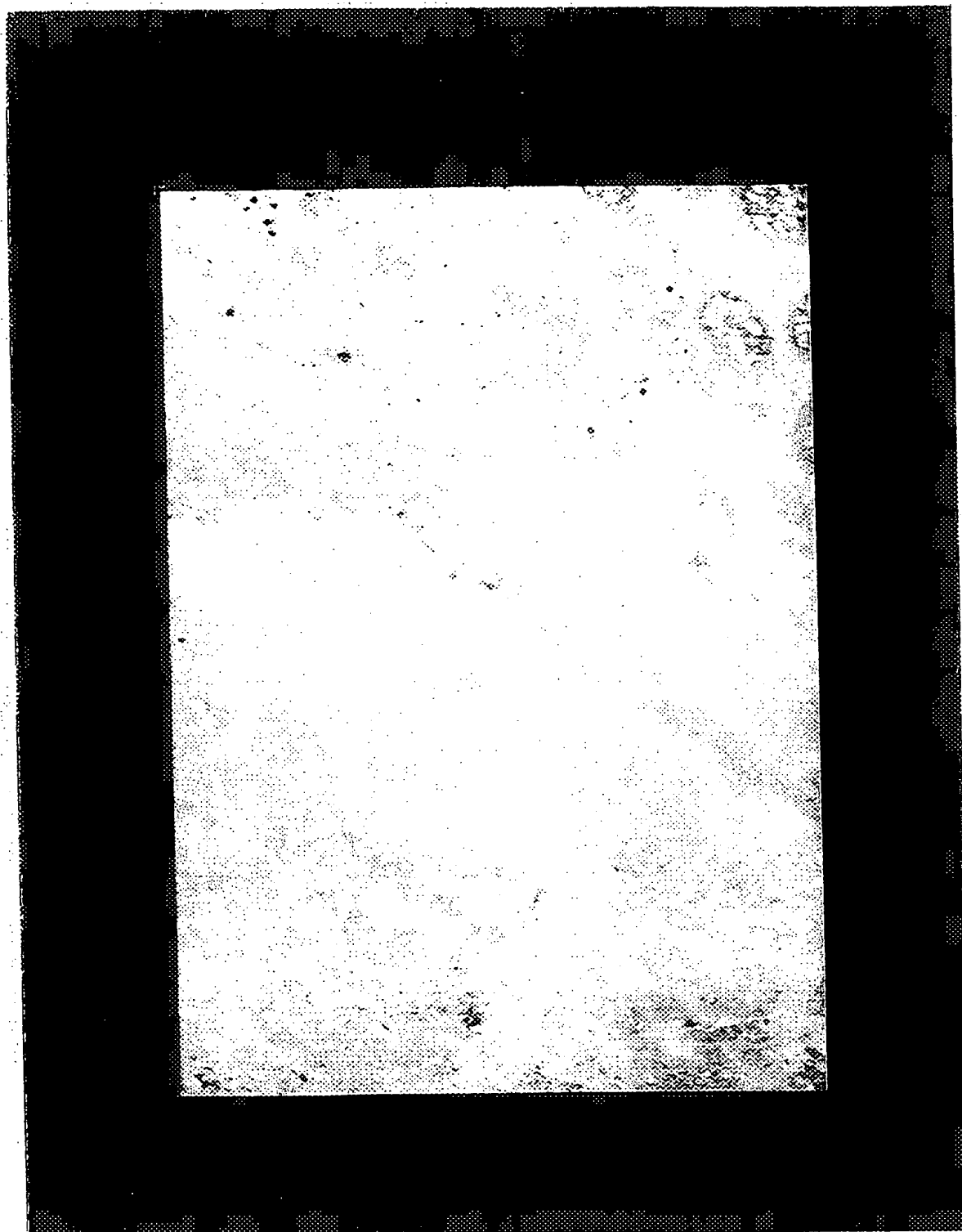


Fig. 22

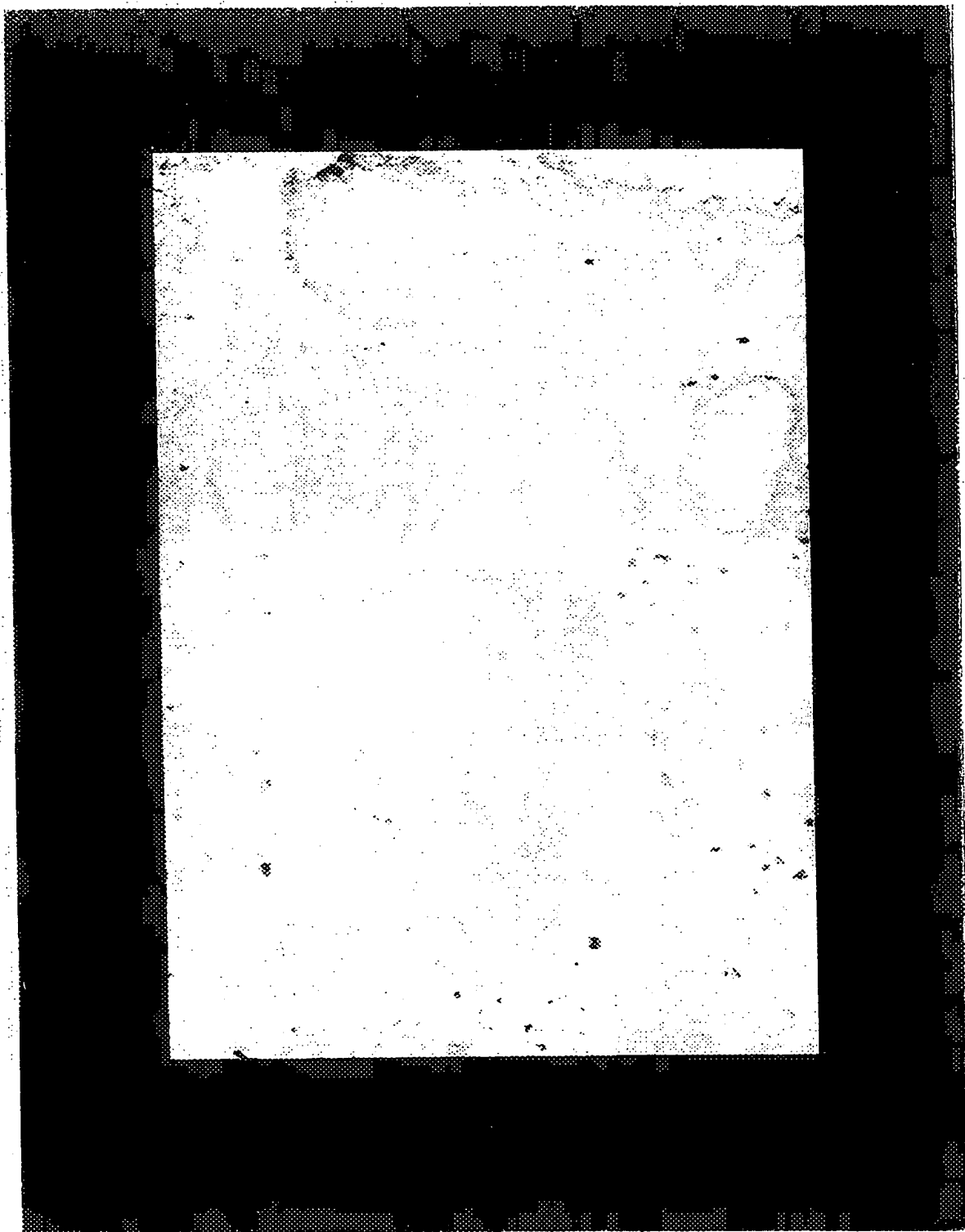


Fig. 23

09/403107

654707-407E0460

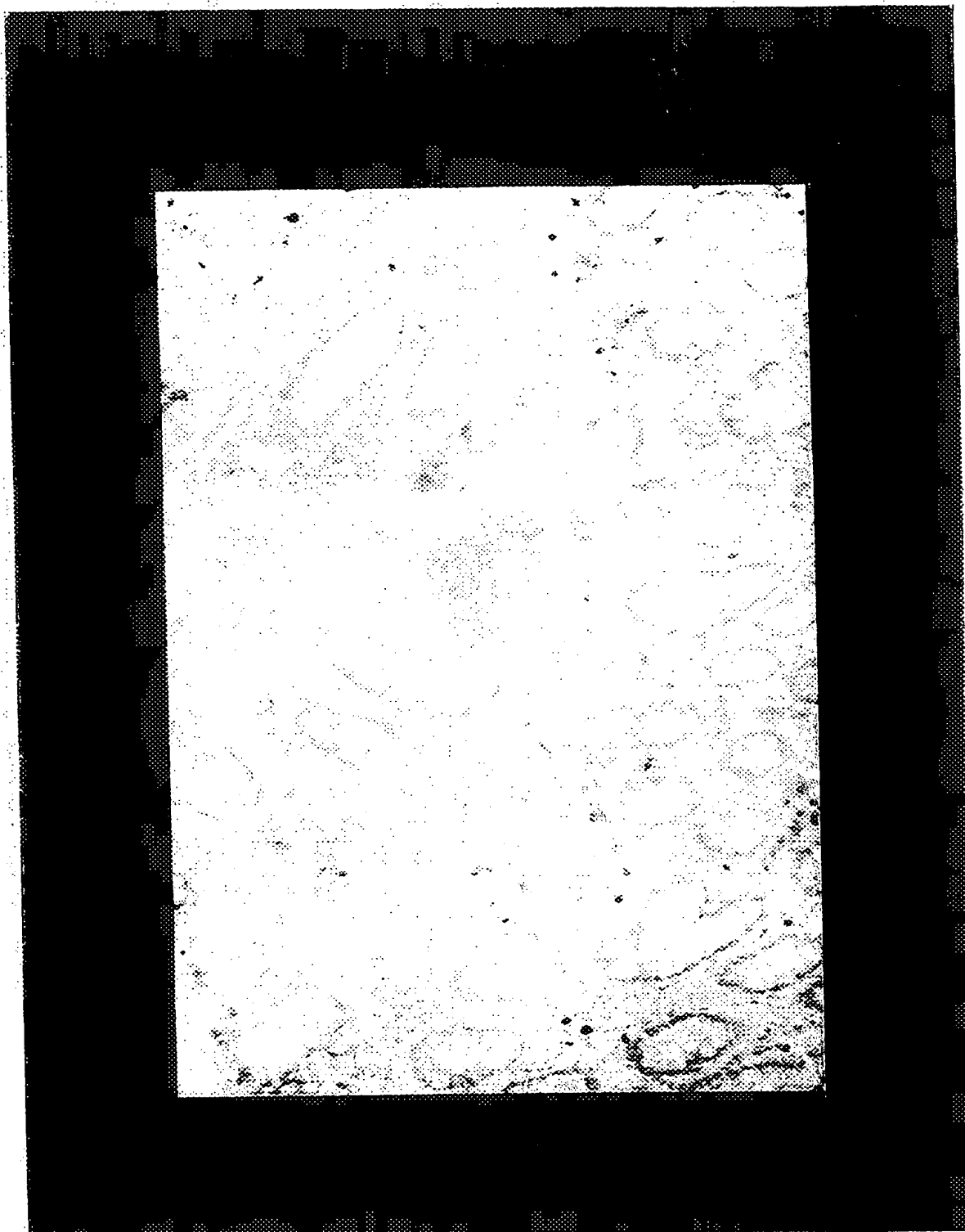


Fig. 24

664707-20750000

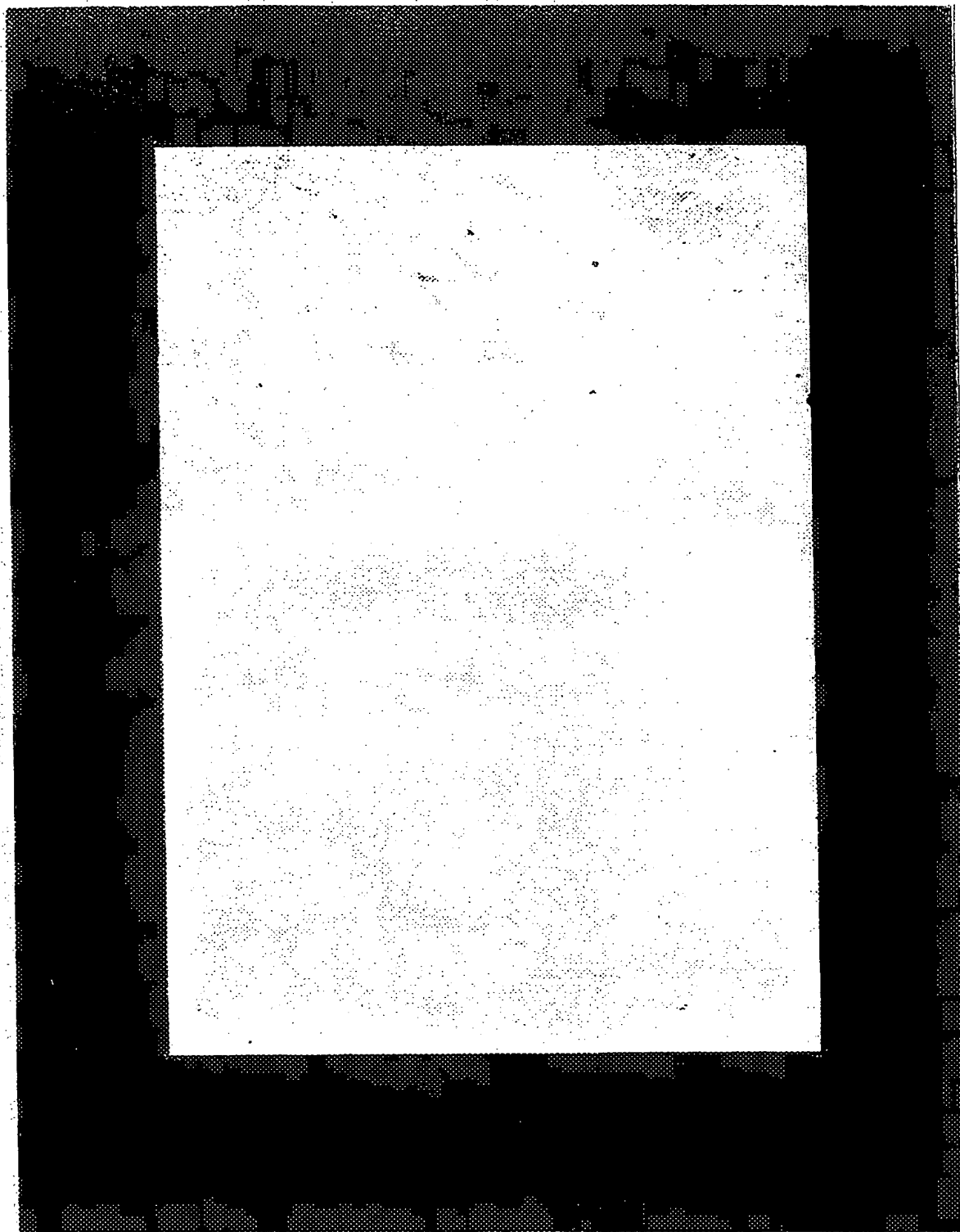


Fig. 25

66hTOT-207E0460

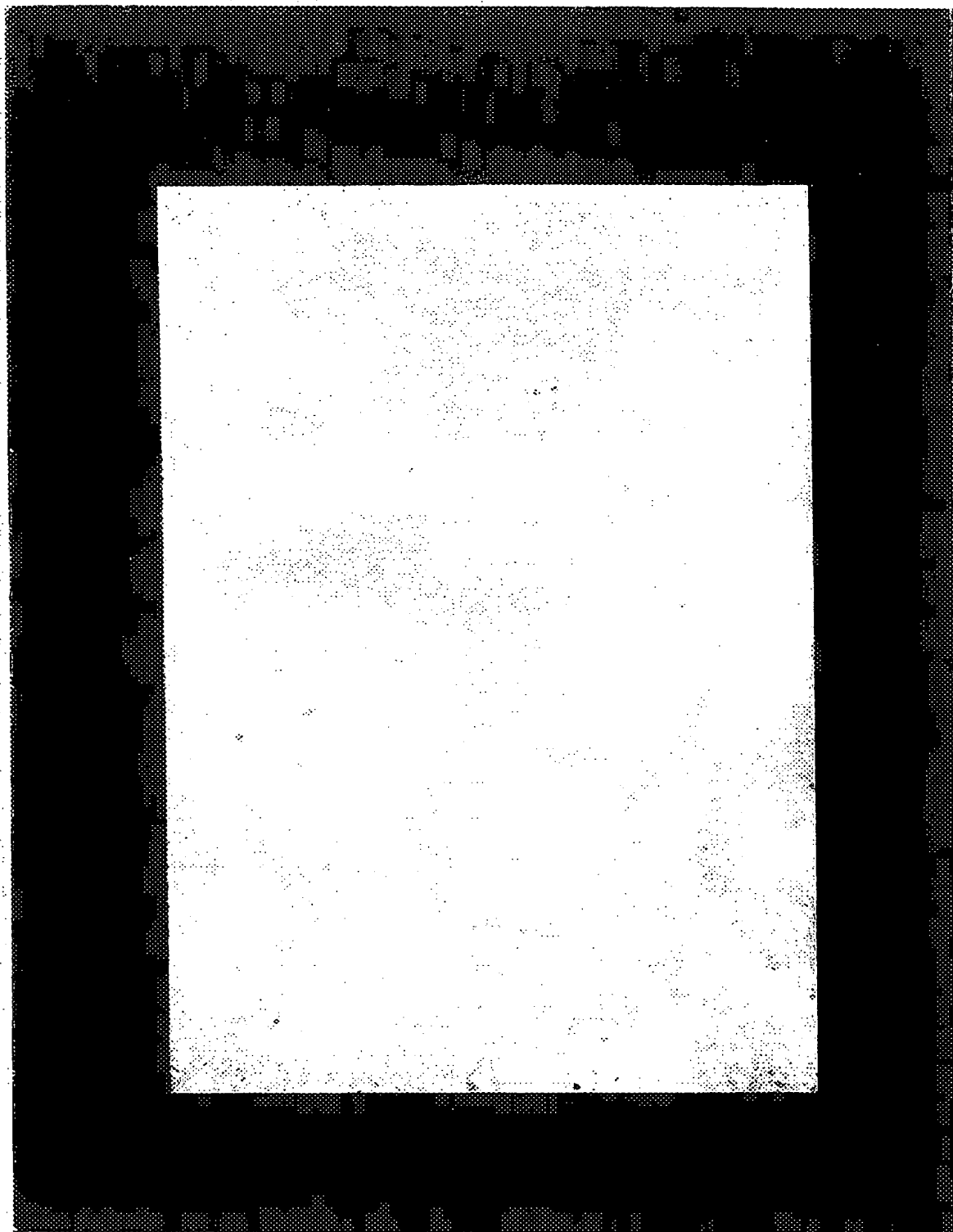
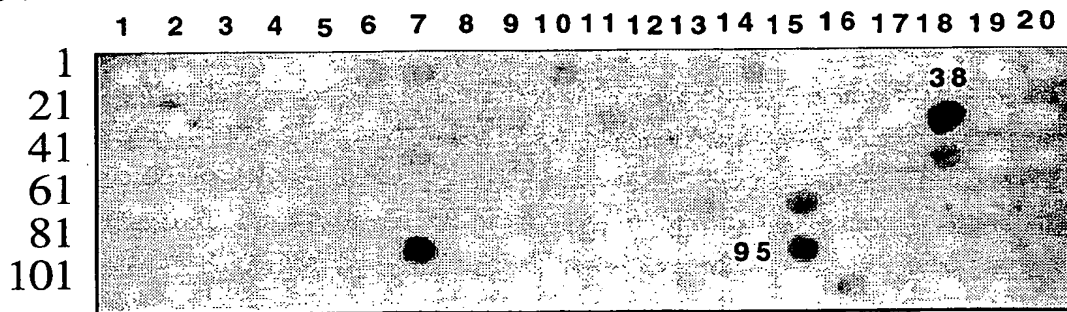
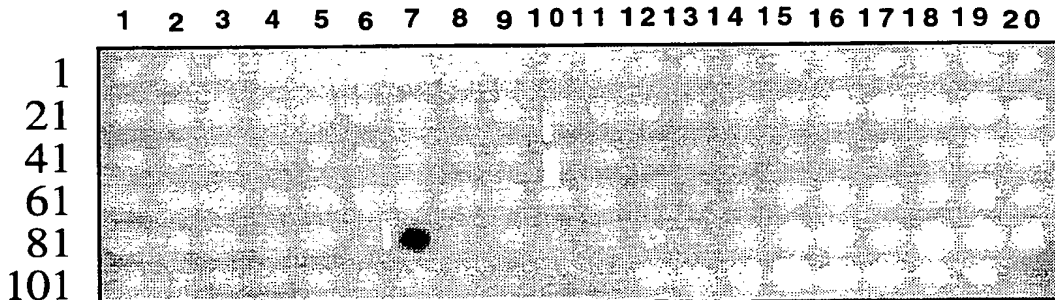


Fig. 26

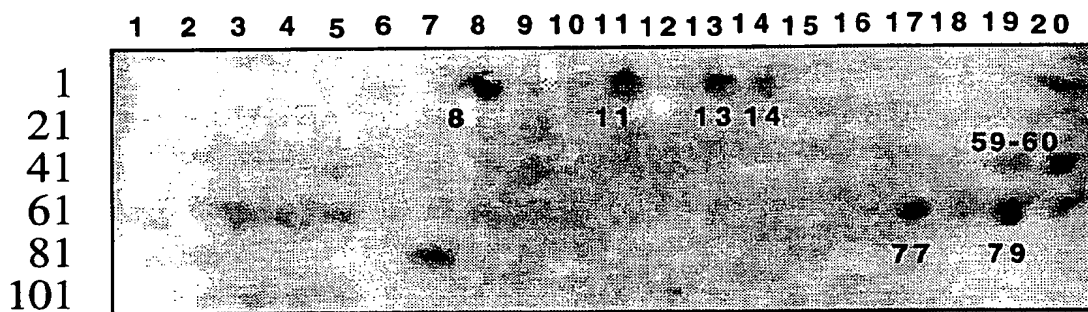
M/9:



HRP-conjugated anti murine immunoglobulin secondary antibody:



H79:



HD70:

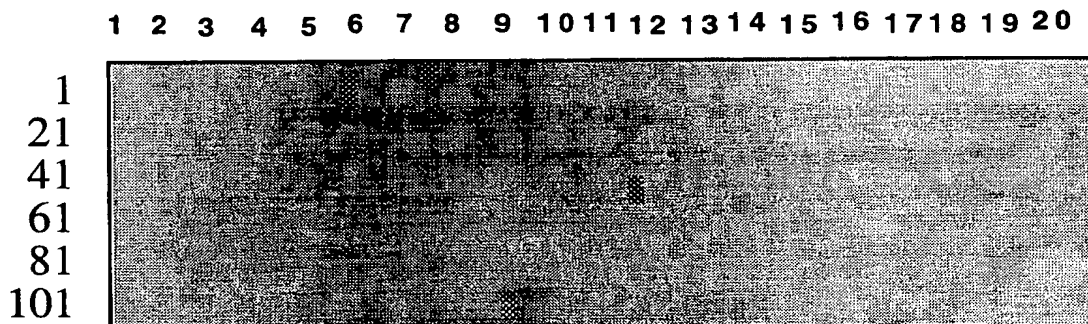


Fig. 27